

PATENT COOPERATION TREATY

INTERNATIONAL PRELIMINARY EX	AMINING AUTHORITY	•			
To: STEVEN C. BRUESS MERCHANT & GOULD P.C. P.O.BOX 2903	PCT				
MINNEAPOLIS, MN 55402-0903		WRITTEN	OPINION		
		ATY RE		: Oct 17,20045	
Applicant's or agent's file reference		(day/month/year)	17 AU	G 2004	
		REPLY DUE	within 2 month	s/days from	
13652.1 WOU1 VInternational application No.	International filing date	(day/month/year)	Priority date	of mailing (day/month/year)	
PCT/US03/40646					
International Patent Classification (IPC)	19 December 2003 (19.) or both national classification				
IPC(7): F26B 3/00 and US Cl.: 34/340					
Applicant					
KARGES-FAULCONBRIDGE, INC.					
1. This written opinion is the <u>fir</u>	est (first, etc.) drawn by	this International Pre	liminary Exami	ning Authority.	
This opinion contains indicate	ons relating to the followi	ng items:			
I Basis of the opini	on				
	OI.				
II Priority		·			
III Non-establishmen	t of opinion with regard to	novelty, inventive s	step and industr	ial applicability	
IV Lack of unity of i	nvention			·	
	nt under Rule 66.2 (a)(ii) anations supporting such s		ty, inventive ste	p or industrial applicability;	
VI Certain document	s cited				
VII Certain defects in	the international application	on			
VIII Certain observation	ons on the international ap	plication			
 The applicant is hereby invit 	ed to reply to this opinion	1.			
When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension. See rule 66.2(d).					
How? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see Rules 66.8 and 66.9.					
Also For an additional opportunity to submit amendments, see Rule 66.4. For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4 bis. For an informal communication with the examiner, see Rule 66.6					
If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.					
4. The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 19 April 2005 (19.04.2005)					
Name and mailing address of the IPFA/IIS					
Mail Stop PCT, Attn: IPEA/US		Authorized officer		Jest Dlass	
Commissioner for Patents P.O. Box 1450		Joseph W. Drodg	е	JOSEPH DRODGE	
Alexandria, Virginia 223 13- 1450 Facsimile No. (703) 305-3230		Telephone No. 57	71-272-1700	PRIMARY EXAMINER	
Form PCT/IPEA/408 (cover sheet)(July 1998)					

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International application No.

PCT/US03/40646

I.	Basi	is of the opinion					
1.	With	regard to the elements of the international application:*					
	the international application as originally filed						
	\boxtimes	the description:					
		pages 1-31, as originally filed					
		pages NONE , filed with the demand					
	_	pages NONE , filed with the letter of					
	\boxtimes	the claims:					
		pages 32-36 , as originally filed					
		pages NONE, as amended (together with any statement) under Article 19 pages NONE, filed with the demand					
		pages NONE , filed with the demand pages NONE , filed with the letter of .					
	\boxtimes	the drawings:					
	K	pages 1-11 , as originally filed					
		pages NONE , filed with the demand					
		pages NONE, filed with the letter of					
		the sequence listing part of the description:					
	_	pages NONE , as originally filed					
		pages NONE , filed with the demand					
		pages NONE , filed with the letter of					
	langı	regard to the language, all the elements marked above were available or furnished to this Authority in the tage in which the international application was filed, unless otherwise indicated under this item. e elements were available or furnished to this Authority in the following language which is:					
		the language of a translation furnished for the purposes of international search (under Rule23.1(b)).					
		the language of publication of the international application (under Rule 48.3(b)).					
		the language of the translation furnished for the purposes of international preliminary examination(under Rules 55.2 and/or 55.3).					
		regard to any nucleotide and/or amino acid sequence disclosed in the international application, the written on was drawn on the basis of the sequence listing:					
		contained in the international application in printed form.					
	П	filed together with the international application in computer readable form.					
	Ħ	furnished subsequently to this Authority in written form.					
	\sqcap	furnished subsequently to this Authority in computer readable form.					
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.					
4.	\Box	The amendments have resulted in the cancellation of:					
		the description, pages NONE					
		the claims, Nos. NONE					
5.		the drawings, sheets/fig NONE This opinion has been drawn as if (some of) the amendments had not been made, since they have been considered to go					
	_	beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).					
* } this	Replac opini	rement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in ion as "originally filed."					

WRITTEN OPINION

International application No. PCT/US03/40646

V. Reasoned statement under Rule 66.2(a)(ii citations and explanations supporting suc			ndustrial applicability;
1. STATEMENT	-		
Novelty (N)	Claims	8 AND 11-19	YES
2 \	Claims	1-7,9,10 AND 20	NO
Inventive Step (IS)	Claims	8 AND 11-19	YES
mvenuve Step (13)		1-7,9,10 AND 20	NO NO
Industrial Applicability (IA)	Claims	NONE	YES NO
	Clamis	,	
Claims 1-7,9,10 and 20 have novelty under PCT Art Tiede et al disclose a process for drying sol (moving bed/column 3, lines 28-29, etc.) having the intersitial spaces (pores) between the particles (columthen with a 2 rd solvent prior to drying (column 3, line in claims 2 and 20 (see column 7, lines 45-48). Regarding claims 3 and 4, see discussions lines 46-48 and column 4, line 67-column 5, line 5). Regarding claims 6 and 7, see preferred so lines 12-14). Regarding claims 9 and 10, see suggestion Claims 8,11,12 and 15-19 meet the criteria set out in method of drying solids using a 1 rd solvent that is dis such use, in column 4, lines 64-65 stating that "halog Claims 13 and 14 meet the criteria set out in PCT Art drying solids using a 1 rd solvent that is an alcohol dis combination of steps, in teaching that certain alcohol including ethers (column 4, lines 61-64). Claims 1-20 meet the criteria set out in PCT Article can be made or used in industry. Claims 1-20 have to pharmaceutical or agricultural industries. NEW CITATIONS	lids (particles) particles, common 3, lines 45 es 19-25 and conferritical terms livents including of using ether a PCT Article placed with a genated hydrouticle 33(2)-(3) placed with a s are more prospectively.	initially wet with water comprising paraminants [claim 20] (see column 3, 1: -47 and 59-61, etc., and then displacit column 7, lines 23-30) and then drying peratures, inherently referring to heating ethanol or other alcohols (column 4 as solvent (column 4, lines 61-63). 33(2)-(3), because the prior art does a 2 nd solvent that is n-propyl bromide. Carbons are avoided". 3, because the prior art does not teach 2 nd solvent that is ether. Tiede et al teferred (more suitable) than a broad resistance industrial applicability because	providing a feed stream ines 30-33) and water in the ng first with a 1st solvent and g by application with heat as as of vaporization (column 4, 4, lines 28-37 and column 5, not teach or fairly suggest a Tiede et al teach away from a or fairly suggest a method of each away from such ange of other solvents et the subject matter claimed

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Supplemental Box (To be used when the space	e in any of the preceding	boxes is not sufficient)		
TIME LIMIT: The time limit set for responsible time limit set for responsible time limit Report.	onse to a Written Opinion set in the Written Opinion	n may not be extended. 37 on will not be considered	CFR 1.484(d). Any r in preparing the Interna	esponse received after the tional Preliminary Examination
d.				